

Appl. No. 10,814,172

IN THE CLAIMS

The following is a complete listing of claims including amendments thereto and supercedes all previous listings of claims in the application.

1. (currently amended) A rotor for a combine harvester, wherein the rotor, in use, is housed ~~and able~~ to rotate within a housing defined within the combine harvester, the rotor comprising:

an elongate body extending between a front portion over which crop material ~~is able to pass~~ passes when the crop material enters the housing and a rear portion over which the crop material ~~is able to pass~~ passes when the crop material is being expelled out of ~~[[the]]~~ a rear of the housing;

a threshing portion extending along a part of the elongate body of the rotor between the front portion and the rear portion, the threshing portion having a plurality of thresher elements connected thereto for threshing crop material; and

a driver portion extending along a part of the elongate body of the rotor between the threshing portion and the

rear portion, the driver portion having ~~at least one a~~
driver element connected thereto ~~[[for]]~~ in a form of
at least one helical element which winds around the
rotor a plurality of times along the driver portion,
the driver portion in use driving the threshed material
rearwardly from the threshing portion towards the rear
portion.

2. (currently amended) A rotor for a combine harvester according
to claim 1 wherein the driver element is a continuous helical
element.

3. (currently amended) A rotor for a combine harvester according
to claim 1 wherein an impeller blade is fitted to the front
portion of the rotor for facilitation the entry of the crop
material into the ~~cylindrical~~ housing which is generally
cylindrical.

4. (currently amended) A rotor for a combine harvester according
to claim 1 wherein a plurality of pins are attached to the driver
portion of the rotor to drive the threshed material rearwardly
through the combine harvester and to separate the threshed
produce from ~~[[the]]~~ chaff.

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5. (original) A rotor for a combine harvester according to claim 1 wherein the length of the threshing portion is between approximately 0.9 m and 1.3 m and the length of the driver portion is between approximately 0.9 m and 1.3 m.

6. (currently amended) A rotor for a combine harvester according to claim 1 wherein a plurality of kicker plates are connected to the rotor for discharging [[the]] chaff out of the [[back]] rear of the ~~harvester~~ housing.

7. (new) a rotor for a combined harvester according to claim 1 wherein the driver element is in a form of a spiral.